

Trabajo Proyecto Etapa 3

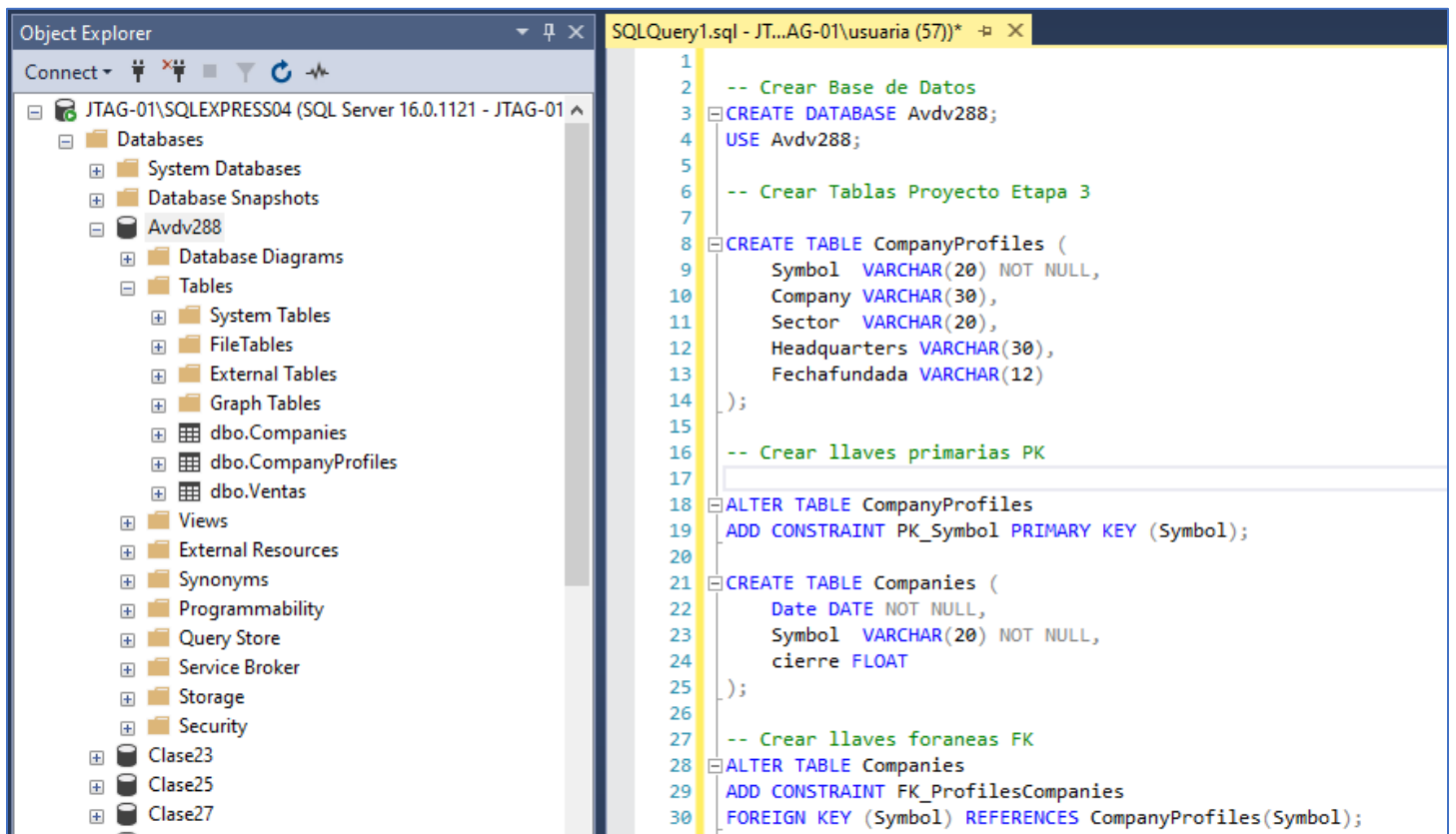
Integrantes:

Sandra Patricia Carrillo

José Tobias Agudelo Gutiérrez

José William Salcedo Pérez

Creación de base de Datos en SQL Server con SSMS

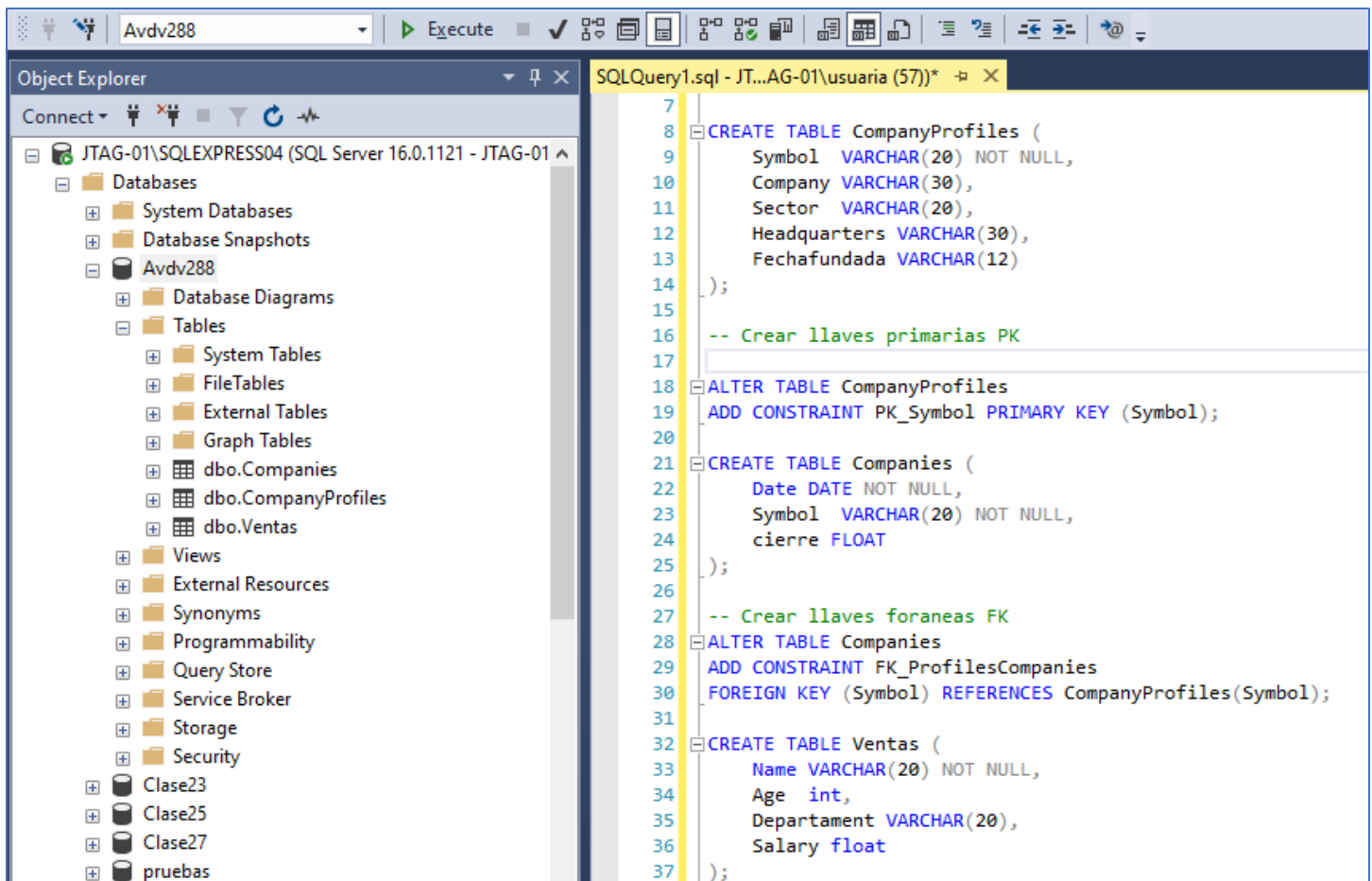


The screenshot displays the SQL Server Enterprise Manager (SSMS) interface. On the left, the Object Explorer shows the database 'Avdv288' with the following structure:

- Databases
 - System Databases
 - Database Snapshots
 - Avdv288
 - Database Diagrams
 - Tables
 - System Tables
 - FileTables
 - External Tables
 - Graph Tables
 - dbo.Companies
 - dbo.CompanyProfiles
 - dbo.Ventas
 - Views
 - External Resources
 - Synonyms
 - Programmability
 - Query Store
 - Service Broker
 - Storage
 - Security
 - Clase23
 - Clase25
 - Clase27

On the right, the SQL Query window (SQLQuery1.sql - JT...AG-01\usuaría (57)) contains the following SQL code:

```
1 -- Crear Base de Datos
2
3 CREATE DATABASE Avdv288;
4 USE Avdv288;
5
6 -- Crear Tablas Proyecto Etapa 3
7
8 CREATE TABLE CompanyProfiles (
9     Symbol VARCHAR(20) NOT NULL,
10    Company VARCHAR(30),
11    Sector VARCHAR(20),
12    Headquarters VARCHAR(30),
13    Fechafundada VARCHAR(12)
14 );
15
16 -- Crear llaves primarias PK
17
18 ALTER TABLE CompanyProfiles
19 ADD CONSTRAINT PK_Symbol PRIMARY KEY (Symbol);
20
21 CREATE TABLE Companies (
22     Date DATE NOT NULL,
23     Symbol VARCHAR(20) NOT NULL,
24     cierre FLOAT
25 );
26
27 -- Crear llaves foraneas FK
28
29 ALTER TABLE Companies
30 ADD CONSTRAINT FK_ProfilesCompanies FOREIGN KEY (Symbol) REFERENCES CompanyProfiles(Symbol);
```



Instrucciones SQL Server para SSMS,

CREATE DATABASE Avdv288;
USE Avdv288;

```
CREATE TABLE CompanyProfiles (
    Symbol VARCHAR(20) NOT NULL,
    Company VARCHAR(30),
    Sector VARCHAR(20),
    Headquarters VARCHAR(30),
    Fechafundada VARCHAR(12)
);
-- Crear llaves primarias PK
```

```
ALTER TABLE CompanyProfiles
ADD CONSTRAINT PK_Symbol PRIMARY KEY (Symbol);
```

```
CREATE TABLE Companies (
    Date DATE NOT NULL,
    Symbol VARCHAR(20) NOT NULL,
    Cierre FLOAT
);
```

```
-- Crear llaves foraneas FK
ALTER TABLE Companies
ADD CONSTRAINT FK_Companies
FOREIGN KEY (Symbol) REFERENCES CompanyProfiles(Symbol);
```

```
ALTER TABLE Companies
ADD CONSTRAINT FK_Companies_Pi
REFERENCES CompanyProfiles (Symbol)
```

```
ALTER TABLE Companies
ADD CONSTRAINT FK_Companies_Pr
REFERENCES CompanyProfiles (Symbol)
```

```
CREATE TABLE Ventas (
    Name VARCHAR(20) NOT NULL,
    Age int,
    Departament VARCHAR(20),
    Salary float
);
```

```
#Llaves primarias
'''
```

```
ALTER TABLE Pieces
ADD CONSTRAINT PK_Pieces PRIMARY KEY (Code)
```

```
ALTER TABLE Providers
ADD CONSTRAINT PK_Providers PRIMARY KEY (Code)
```

```
ALTER TABLE Provides
ADD CONSTRAINT PK_Provides PRIMARY KEY (Piece, Provider)
'''
```

```
#Llaves foraneas
'''
```

```
ALTER TABLE Provides
ADD CONSTRAINT FK_Provides_Pieces FOREIGN KEY (Piece)
REFERENCES Pieces(Code)
```

```
ALTER TABLE Provides
ADD CONSTRAINT FK_Provides_Providers FOREIGN KEY (Provider)
REFERENCES Providers(Code)
'''
```